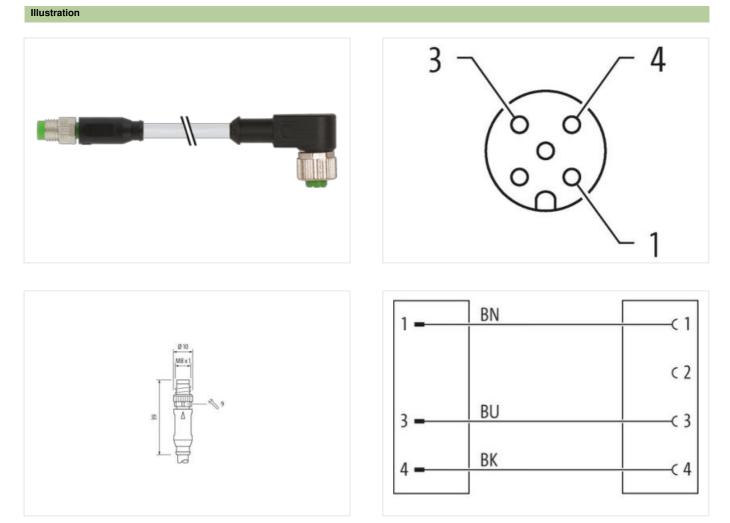


## M8 male $0^{\circ}$ / M12 female $90^{\circ}$ A-cod.

PVC 3x0.25 gy UL/CSA 1m

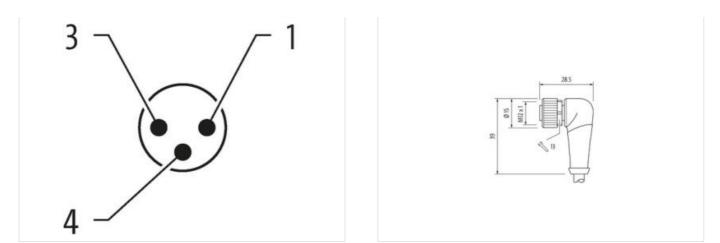
Male straight – female 90° M8 – M12, 3-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



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Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311

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pactors and number944430GNN44483712328Packaging unit1Electrical data [SeppyOperating voltage AG max.50 VOperating voltage AG (LI-Isted)30 VOperating voltage AG (LI-Isted)30 VOperating voltage AG (LI-Isted)30 VOperating voltage AG (LI-Isted)30 VDataposticalVDataposticalVDataposticalVDataposticalVDataposticalVDataposticalIPES, IPES, IPE	ETIM-5.0	EC001855
Packaging unit     1       Electrical claim [Supply     Image: Claim (Supply)       Operating values AC max.     60 V       Operating values AC max.     60 V       Operating values AC (LL-tested)     30 V       Current operating avoitage AC (LL-tested)     30 V       Current operating avoitage AC (LL-tested)     30 V       Device protection [Electrical     Image: Claim (LL-tested)       Matterial proving morp (Ele 60664-1)     1       Material proving morp (Ele 60664-1)     Image:	customs tariff number	85444290
Electrical data   Supply     Use of the second sec	GTIN	4048879123129
Operating voltage AC max.     80 V       Operating voltage AC max.     60 V       Operating voltage AC max.     4 A       Disposite     V       Current operating voltage AC max.     4 A       Disposite     V       Statis indication LED     no       Diverse protection [Electrical     V       Device protection [Electrical     V       Device protection [Electrical     No       Disposite     No       Material group (Ele 6066+1)     1       Hechanical distal Material Rouving     No Role       Material group (Ele 6066+1)     1       Material group (Ele 6066+1)     1       Material rouving     PUB       Locking material     Zon de cazing       Material group (Ele 6066+1)     Inserted, sorewed, Shaking protection       Eleveronnettal characteristics [Climatic     Zon de cazing       Mouting method     Inserted, sorewed, Shaking protection	Packaging unit	1
Operating voltage DC max     60 V       Operating voltage DC (UL-listed)     30 V       Carront operating por contact max.     4 A       Diagnostics     no       Basics indication LED     no       Device protection   Electrical     Period protection   Electrical       Darge of protection protection degree     in served       Polution protection degree     3       Reade surge voltage AC     1 N       Material group (EC 60664 1)     1       Mechanic data (Material data)     Carront operating operating activity in the contact of the costing       Material processing locating	Electrical data   Supply	
Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Concern operating contact max.     4 A       Diagnotics        Stalus indication LED     no       Device protection [Electrical        Device protection [Electrical        Device protection [Electrical        Device protection of degree     inserted. screwed       Pollution Degree     3       Reted surge voltage     1,5 kV       Material position     Nickeled       Material position     Nickeled       Material position     Nickeled       Material position     PEM       Mechanical data [ Mounting date     FRM       Mounting material     Zinc die-casting       Mounting material     Zinc die-casting       Mounting material     Zinc die-casting       Conformity        Product standard condition temperature range     depording on cable quality       Contomative enso.     45 °C       Contomative enso.     45 °C       Contomative enso.     45 °C       Contomative ensone	Operating voltage AC max.	50 V
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Despose     status indication LED     no       Device of protection   Electrical     Device of protection   Electrical     Status indication LED     Polision Device of protection   Electrical       Device of protection   Electrical     Inserted, screwad     Polision Device of protection (EN IEC 60529)     IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Operating voltage DC max.	60 V
Current operating per contact max.     4 A       Diagnotics     Status indication LED     no       Device protection [Electrical     Degoed oprotection (EN EC 00059)     IP05, IP07, IP08, IP06K       Additional condition protection degree     insented, screaved     Publicion Degree       Paulician Degree     3     Rated surge voltage     1.5 NV       Material grade (20 6064 + 1)     1     Insented, Screaved     Publician Degree     Insented, Screaved       Material grade (20 6064 + 1)     1     Insented, Screaved     Publician Degree     Insented, Screaved       Material grade (20 6064 + 1)     1     Insented, Screaved, Status,	Operating voltage AC (UL-listed)	30 V
Diagnostics       Status indication LED     no       Device protection [Electrical     Electrical       Device of protection (EW IEC 05029)     IP65, IP67, IP68, IP66K       Additional constition protection degree     inserted, screwed       Pollution Degree     3       Batef surge voltage     1, SkV       Material group (IEC 0508-1)     1       Material group (IEC 0508-1)     1       Material proper JIEC 0508-1     1       Material possitic     FKM       Material possitic     FKM       Material possitic     Tool de casting       Material possitic     IComatic       Mouning method     inserted, screwed, Shaking protection       Environmetal characteristics [Climatic     Operating temperature max.       Operating temperature max.     85 °C       Operating temperature max.     85 °C       Additional constition temperature max.     85 °C       Conformit     Inconte	Operating voltage DC (UL-listed)	30 V
Status indication LED     no       Device of protection   Electrical     IPES, IPER, IPER	Current operating per contact max.	4 A
Device protection [Electrical       Degree of protection (EN EC 60529)     IP65, IP67, IP68, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1, 5 kV       Material group (IEC 60684-1)     I       Mechanical data [Meterial data     Mechanical data [Meterial data       Mechanical data [Meterial data     Mechanical data [Meterial data       Mechanical data [Meterial data     FXM       Material position     PUR       Locking material     Zinc die-casting       Meterial position     Meterial position       Mounting method     inserted, screwed, Shaking protection       Every commental characteristics [Climatic     Meterial position (method screwed, Shaking protection       Coperating temperature main.     25 °C       Operating temperature main.     25 °C       Catormity     Product samdard       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     Cable dendification       Cable dendification     210       Cable dendification     210       Cable dendification     1       Streading<	Diagnostics	
Degree of protection (EN IEC 60529)     IP65, IP67, IP68, IP66K       Additiona protection degree     inserted, screwed       Plated surge voltage     1,5 kV       Material group (IEC 6064-1)     I       Mechanical data   Material data     Voltage       Coating locking     Nickeled       Material gasket     FKM       Material pasket     FKM       Material housing     PUR       Locking method     inserted, screwed, Shaking protection       Environmental characteristics [Climatic     Commential       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C	Status indication LED	no
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Reted surge voltage   1, 5 kV     Material group (EC 60664-1)   1     Mechanical data   Material data   Coating locking     Miderial gased   FKM     Material gased   FKM     Material gased   FKM     Mechanical data   Material data   Zinc die-casting     Mechanical data   Mounting data   Mechanical data   Mounting data     Mechanical data   Mounting data   Environmental characteristics [ Climatic     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics [ Climatic   Coperating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conternity   Product standard   DIN EN 61076-2-114 (M12), DIN EN 61076-2-114 (M8)     Insaltation] Cable   210   Cable identification     210   Cable identification   210     Cable identification   210   Cable identification     7ype of Certificate   cUFus   Amount standing     Amount standing   1   Stare Acreases jacket	Device protection   Electrical	
Pollution Degree 3   Rated surge voltage 1,5 kV   Material group (IEC 60664-1) 1   Mechanical data [Material data Coating looking   Material group (IEC 60664-1) 1   Material group (IEC 60664-1) 1   Material group (IEC 60664-1) 1   Material lousing PUR   Locking material Zinc die-casting   Mounting method Insarted, screwed. Shaking protection   Environmental characteristics [ Climatic   Operating temperature max. 65 °C   Additional condition temperature max. 65 °C   Additional condition temperature max. 65 °C   Cofformity 1   Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   Installation   Cable Colon   Cable Typo 1   Jacket Color gray   Type of Certificate CUFus   Amount stranding 1   Stranding 3 wires twisted   wire arangement brown, black, blue   Cable Typo 1   Addreial jacket PVC   Shore A Predom Time (getent)   Freedom Time Ingredients (gacket) 65 ± 5 Shore A   Freedom Time Ingredients (gacket) 15 %   Material jac	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Rate surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Include the superscript of	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)   I     Mechanical data   Material data   Example     Coating locking   Nickeled     Material gaset   FKM     Material paset   FKM     Muniting method   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.   25 °C     Operating temperature max   85 °C   Additional condition temperature range   depending on cable quality     Conformity   Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   Installion ICable     Cable identification   210   Cable Type   1     Jacket Color   gray   Type of Certificate   cURus     Amount stranding   1   Stranding   3 wires twisted     wire arrangement   brown, black, blue   Cable weight   29.37 gm     Material jacket   PVC   Stranding   5 % Shore A     Freedom from	Pollution Degree	3
Mechanical data   Material data       Coaling looking     Nickeled       Material gasket     FKM       Material lousing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature min.       -25 °C     Operating temperature max.       Additional condition temperature may.     85 °C       Concently     Inselfaled in Cable       Evolute standard     DIN EN 61076-2-111 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     210       Cable identification     210       Cable identification     210       Cable identification     210       Cable identification     QURUS       Arount stranding     1       Stranding     3 wires twisted       Wire arrangement     brown, black, blue       Ca	Rated surge voltage	1,5 kV
Coating lockingNickeledMaterial gasketFKMMaterial housingPURLocking materialZin cele-castingMechanical data   Mounting dataMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable fortige1Lacket ColorgrayType ol CertificateculFusAffranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable veight29.37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)4.5 rmTolerance outer (jacket) $4.5$ rmOuter diameter (jacket) $4.5$ rmOuter diameter insulationPVCAmount tries3Outer diameter insulation $4.5$ rSSire hardness wire insulation $4.5$ rS mnOuter diameter insulation $4.5$ rS mn <t< td=""><td>Material group (IEC 60664-1)</td><td> </td></t<>	Material group (IEC 60664-1)	
Material pasketFKMMaterial housingPURLocking materialZinc clic-castingMechanical data   Mounting dataMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition meprature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification210Cable identification1Jacket ColorgrayType of CertificatecUFusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigh29.37 g/mMaterial jacket85 °SFreedom from ingredients (jacket)4.5 mmTolerance outer (jacket)4.5 mmTolerance outer (jacket)4.5 mmOuter diameter (jacket)4.5 mmOuter diameter (jacket)4.5 mmTolerance outer (sheath) $\pm$ 5 %Material wire insulationPVCAmount wires3Outer diameter (beharbo, core insulation45 $\pm$ 5 Shore AFreedom from ingredients (jacket)4.5 mmTolerance outer diameter (sheath) $\pm$ 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter	Mechanical data   Material data	
Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Conformity     Installation   Cable     Installation   Cable     Installation   Cable       Cable identification     210     Cable identification     210       Cable Identification     210     Cable Identification     Installation   Cable       Cable Identification     210     Cable Identification     Installation   Cable       Stranding     1     Stranding     Installation   Cable     Installation   Cable       Cable weight     29.37 g/m     Installation   Cable     Instali	Coating locking	Nickeled
Locking material   Zinc die-casting     Mechanical data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   Cable identification     Cable identification   210     Cable Identification   210     Cable Identification   210     Cable Identificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weigh   29,37 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredienter (sheath)   4.5 mm     Tolerance outer diameter (sheath)   4.5 m     Tolerance outer diameter (sheath)   4.5 m     Tolerance outer diameter (sheath)   4.5 %     Material wire in	Material gasket	FKM
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity	Material housing	PUR
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     depending on cable quality       Conformity        Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable        Cable identification     210       Cable Type     1       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       Wrier arrangement     brown, black, blue       Cable weigth     29,37 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     4.5 rm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount stranding     5 %       Shore hardness jacket     85 ± 5 %       Freedom from ingredients (jacket)     16ad-free, cadmium-free, CFC-free, s	Locking material	Zinc die-casting
Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity	Mechanical data   Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification210Cable identification210Cable identificationgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29.3° grmMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)4.5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount strain3Outer diameter (isulation1.25 mmOuter diameter (isulation1.5 %Shore hardness wire insulation45 ± 5 Shore D	Mounting method	inserted, screwed, Shaking protection
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification210Cable identification210Cable identificationgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29.3° grmMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)4.5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount strain3Outer diameter (isulation1.25 mmOuter diameter (isulation1.5 %Shore hardness wire insulation45 ± 5 Shore D	Environmental characteristics   Climatic	
Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   Cable identification     Cable identification   210     Cable Identification   210     Cable Identification   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weigth   29.37 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer diameter (jacket)   4,5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   4,5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation	Operating temperature min.	-25 °C
Additional condition temperature range   depending on cable quality     Conformity     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable     Cable identification   210     Cable I Type   1     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weigth   29.37 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer diameter (jacket)   4.5 mm     Tolerance outer diameter (jacket)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   1,25 mm     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %		85 °C
Product standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification210Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter (sheath)± 5 %Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D		depending on cable quality
Installation   CableCable identification210Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Conformity	
Cable identification210Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation45 ± 5 Shore D	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Installation   Cable	
Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Cable identification	210
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D		1
Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Jacket Color	gray
Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter insulation45 ± 5 Shore D	Type of Certificate	
wire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Amount stranding	1
Cable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Stranding	3 wires twisted
Material jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	wire arrangement	brown, black, blue
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Cable weigth	29,37 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Material jacket	PVC
Outer-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   45 ± 5 Shore D		lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   45 ± 5 Shore D		-
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Tolerance outer diameter (sheath)	
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D		
Outer diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 45 ± 5 Shore D		
Shore hardness wire insulation 45 ± 5 Shore D		
Material properties wire insulation good machinability		
	iviaterial properties wire insulation	good machinability

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27



Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27